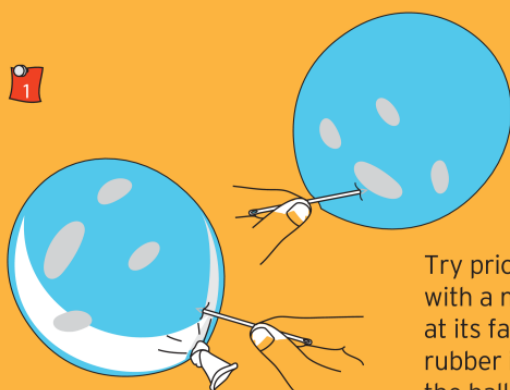
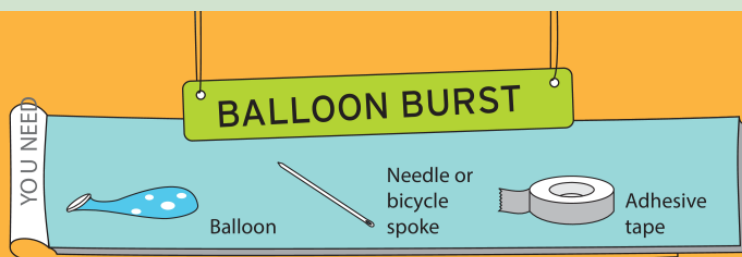


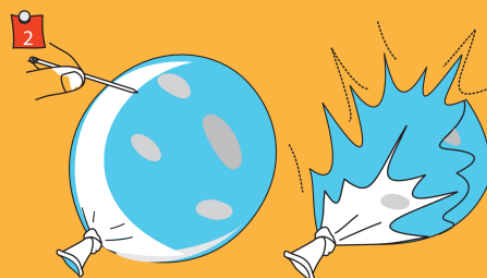
ROCK-PAPER-SCISSORS

# Learn while you play

Yellow, blue, green, red... Balloons come in all sorts of colours and patterns, and make for great playthings. But here's how they can be used to learn about scientific concepts.



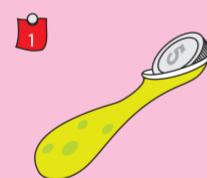
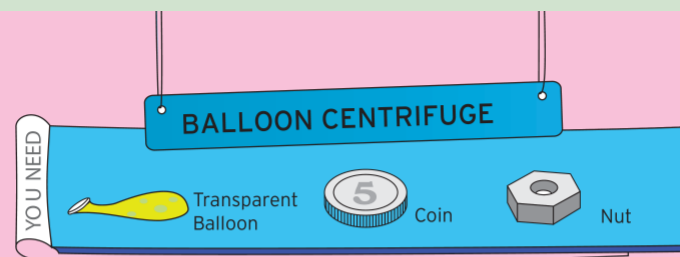
Try pricking an inflated balloon with a needle near its mouth or at its far end. Because the rubber is thick at these points the balloon does not burst.



However if you poke the balloon with a needle near the highly stretched centre it will burst with a loud bang!



Stick the adhesive tapes across two diametrical points of the balloon. Poke a sharp cycle spoke through them. The balloon will not burst. The tape prevents the balloon skin from retracting and bursting.



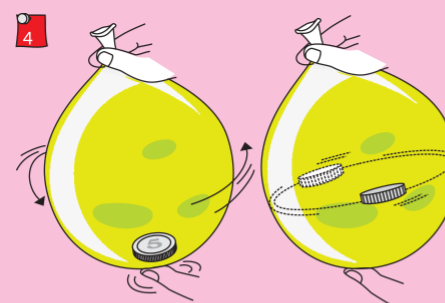
Take a transparent balloon and push a coin into it.



Inflate the balloon.



Close the mouth of the balloon with your hand.



Give the balloon a circular motion and make the coin spin. The coin will spin smoothly in circles - like a motorcycle in a circus cage.



Replace the coin with a nut. The spinning nut will make a roaring sound! The coin and the nut rotate inside the balloon because of Centrifugal Force.

